

**SAMPLE NAME: CBD Pet Oil**

Infused, Liquid Edible

**CULTIVATOR / MANUFACTURER****Business Name:****License Number:****Address:****DISTRIBUTOR / TESTED FOR****Business Name:** Sisters Of The Valley**License Number:****Address:**

Merced CA 95348

**SAMPLE DETAIL****Batch Number:** Birch Moon January 2023**Sample ID:** 230128R012**Date Collected:** 01/28/2023**Date Received:** 01/28/2023**Batch Size:****Sample Size:** 1.0 units**Unit Mass:****Serving Size:** 2.5 milliliters per Serving

Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY****Total THC:** 0.340 mg/mL**Total CBD:** 8.767 mg/mL**Sum of Cannabinoids:** 13.524 mg/mL**Total Cannabinoids:** 12.887 mg/mL

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

Total THC =  $\Delta^9$ -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBL + CBNTotal Cannabinoids = ( $\Delta^9$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) +

(CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) +

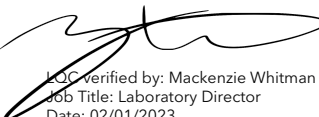
(CBDV+0.877\*CBDVa) +  $\Delta^8$ -THC + CBL + CBN**Density:** 0.9476 g/mL**SAFETY ANALYSIS - SUMMARY** $\Delta^9$ -THC per Serving:  **PASS**

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.


**Sample Certification:** California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)



LOQ verified by: Mackenzie Whitman  
Job Title: Laboratory Director  
Date: 02/01/2023



Approved by: Josh Wurzer  
Job Title: President  
Date: 02/01/2023




## Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

**Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

### TOTAL THC: 0.340 mg/mL

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

### TOTAL CBD: 8.767 mg/mL

Total CBD (CBD+0.877\*CBDA)

### TOTAL CANNABINOIDS: 12.887 mg/mL

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^8$ -THC + CBL + CBN

### TOTAL CBG: 3.093 mg/mL

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 0.633 mg/mL

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 0.026 mg/mL

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 02/01/2023

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±0.2513	6.737	0.7110
CBGa	0.002 / 0.007	±0.0607	2.662	0.2809
CBDA	0.001 / 0.026	±0.0657	2.315	0.2443
CBG	0.002 / 0.006	±0.0368	0.758	0.0800
CBC	0.003 / 0.010	±0.0157	0.487	0.0514
$\Delta^9$ -THC	0.002 / 0.014	±0.0167	0.305	0.0322
CBCa	0.001 / 0.015	±0.0063	0.166	0.0175
THCa	0.001 / 0.005	±0.0007	0.040	0.0042
CBDV	0.002 / 0.012	±0.0011	0.026	0.0027
CBL	0.003 / 0.010	±0.0008	0.021	0.0022
CBN	0.001 / 0.007	±0.0002	0.007	0.0007
CBDVa	0.001 / 0.018	N/A	<LOQ	<LOQ
$\Delta^8$ -THC	0.01 / 0.02	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>13.524 mg/mL</b>	<b>1.4272%</b>

## Serving Size: 2.5 milliliters per Serving

$\Delta^9$ -THC per Serving	0.763 mg/serving	PASS
Total THC per Serving	0.850 mg/serving	
CBD per Serving	16.843 mg/serving	
Total CBD per Serving	21.918 mg/serving	
Sum of Cannabinoids per Serving	33.810 mg/serving	
Total Cannabinoids per Serving	32.220 mg/serving	

## DENSITY TEST RESULT

0.9476 g/mL

Tested 02/01/2023

**Method:** QSP 7870 - Sample Preparation